

**Notice of Allowability**

Application No.

10/762,723

Examiner

Belix M. Ortiz

Applicant(s)

HOANG ET AL.

Art Unit

2164

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/6/2006.
2. ☒ The allowed claim(s) is/are 1,4,5 and 9-12.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

ALFORD KINDRED  
PRIMARY EXAMINER

## **DETAILED ACTION**

### **Remarks**

1. In response to communications files on October 6, 2006. Therefore, claims 1, 4-5, and 9-12 are presently pending in the application.

### ***Reasons for Allowance***

2. Claims 1, 4-5, and 9-12 are allowed

3. The following is a statement of reasons for the indication of allowable subject matter: the prior arts of records, neither anticipates nor renders obvious the following limitations as claimed:

As to claim 1, the prior art of records fail to anticipate or suggest a method for the verification of a quiesced database copy of a primary database by executing a number of independent tasks from an assignment table said verification to prevent the waste of time during subsequent recovery operations:

(a) establishing a secondary database copy which replicates said primary database holding data blocks;

(b) quiescing said secondary database copy so that no update access to said database copy is operable;

(c) utilizing a Verify option in a database utility program to check said quiesced secondary database copy for integrity said step including the steps of:

(c1) checking each row in said quiesced database copy to perform a checksum verification;

(c2) checking each row in said quiesced database copy to perform an addresscheck verification,

(d) utilizing a VERIFY TASKS option to control said number of independent tasks assigned to perform said check of said quiesced database copy for integrity, together with the other limitations of the independent claims.

As to claim 5, the prior art of records fail to anticipate or suggest (a) means for replicating said primary database (15) with a quiesced database copy (19);

(b) means to disable access by said applications (10-13) to said quiesced database copy (19);

(c) means to verify the data integrity of said quiesced database copy(19) including the steps of:

(c1) means to execute a checksum verification of each data block in said database copy (19);

(c2) means to perform an Addresscheck operation on each data block in said quiesced database copy (19);

(d) means to establish data access to said quiesced database copy (19) after verification of the integrity of said database copy (19), together with the other limitations of the independent claims.

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Belix M. Ortiz whose telephone number is 571-272-4081.

The examiner can normally be reached on Monday-Friday 9am-5pm.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bmo

December 13, 2006